

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|------------------|
| - | 0 | (polymer\$4 polyolefin polypropylene polyethylene plastic) near9 surface near9 ((discharge near2 glow) plasma) near9 oxygen near9 functionality | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 11:16 |
| - | 452 | (polymer\$4 polyolefin polypropylene polyethylene plastic) near9 surface near9 ((discharge near2 glow) plasma) near9 (oxygen air) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:28 |
| - | 501 | (polymer\$4 polyolefin polypropylene polyethylene plastic) near9 surface near9 ((discharge near2 glow) plasma) near9 (oxygen air hydroxy\$2) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:22 |
| - | 39 | ((polymer\$4 polyolefin polypropylene polyethylene plastic) near9 surface near9 ((discharge near2 glow) plasma) near9 (oxygen air)) near9 hydroxy\$2 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17 19 |
| - | 18 | ((polymer\$4 polyolefin polypropylene polyethylene plastic) near9 surface near9 ((discharge near2 glow) plasma) near9 (oxygen air)) near9 subsequent\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:23 |
| - | 75 | (polyolefin polypropylene polyethylene) with (hydroxy\$2 functional\$7) with ((discharge near2 glow) plasma) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:39 |
| - | 33 | (polyolefin polypropylene polyethylene) near9 (hydroxy\$2 functional\$7) near9 ((discharge near2 glow) plasma) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:36 |
| - | 1 | (polypropylene PP) near9 surface near9 (modif\$9 functional\$8) near9 hydroxy\$2 near9 ((discharge near2 glow) plasma) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:45 |
| - | 42 | ((polyolefin polypropylene polyethylene) with (hydroxy\$2 functional\$7) with ((discharge near2 glow) plasma)) not ((polyolefin polypropylene polyethylene) near9 (hydroxy\$2 functional\$7) near9 ((discharge near2 glow) plasma)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:40 |
| - | 383 | (polypropylene PP) and surface near9 (modif\$9 functional\$8) same ((discharge near2 glow) plasma) same (hydroxy\$2 oxygen) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:47 |
| - | 127 | (polypropylene PP) and surface near9 (modif\$9 functional\$8) same ((discharge near2 glow) plasma) same hydroxy\$2 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:48 |
| - | 21 | (polypropylene PP) same surface near9 (modif\$9 functional\$8) same ((discharge near2 glow) plasma) same hydroxy\$2 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:54 |

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| - | 143 | polypropylene same surface near9 (modif\$9 functional\$8) same ((discharge near2 glow) plasma) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 18:00 |
| - | 56 | polypropylene with surface near9 (modif\$9 functional\$8) with ((discharge near2 glow) plasma) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:56 |
| - | 0 | (polypropylene with surface near9 (modif\$9 functional\$8) with ((discharge near2 glow) plasma)) with (air atmosphere oxygen) near5 (exposure subsequent\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 18:17 |
| - | 1 | (polypropylene with surface near9 (modif\$9 functional\$8) with ((discharge near2 glow) plasma)) with (air atmosphere) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:58 |
| - | 18 | (polypropylene same surface near9 (modif\$9 functional\$8) same ((discharge near2 glow) plasma)) same (air atmosphere) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:58 |
| - | 45 | (polypropylene same surface near9 (modif\$9 functional\$8) same ((discharge near2 glow) plasma)) same (air atmosphere oxygen) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 17:59 |
| - | 96 | polypropylene same surface near9 (oxygen hydroxy\$2) near9 ((discharge near2 glow) plasma) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 18:01 |
| - | 106 | polypropylene same surface near9 (oxygen hydroxy\$2) with ((discharge near2 glow) plasma) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 18:01 |
| - | 21 | polypropylene same surface near9 hydroxy\$2 with ((discharge near2 glow) plasma) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 18:16 |
| - | 3 | surface near9 hydroxy\$2 with ((discharge near2 glow) plasma) with (air atmosphere oxygen) near5 (exposure subsequent\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 18:20 |
| - | 11 | hydroxy\$2 with ((discharge near2 glow) plasma) with (air atmosphere oxygen) near5 (exposure subsequent\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 18:22 |
| - | 10 | ((discharge near2 glow) plasma) with (air atmosphere oxygen) near9 (exposure subsequent\$5) near9 hydroxy\$2 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 19:38 |

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| - | 67 | silane near9 oxygen near9 plasma near9 (chemical near3 vapo\$1r near3 deposition) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 20:01 |
| - | 17 | (silane near9 oxygen near9 plasma near9 (chemical near3 vapo\$1r near3 deposition)) with silicon near2 oxide | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 19:47 |
| - | 0 | (silane near9 oxygen near9 plasma near9 (chemical near3 vapo\$1r near3 deposition)) with "SiO.sub.x" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 19:48 |
| - | 3 | (silane near9 oxygen near9 plasma near9 (chemical near3 vapo\$1r near3 deposition)) and "SiO.sub.x" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 19:48 |
| - | 0 | (silane near9 oxygen near9 plasma near9 (chemical near3 vapo\$1r near3 deposition)) with polymerization near2 plasma | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 20 01 |
| - | 3 | silane near9 oxygen same plasma near9 ((chemical near3 vapo\$1r near3 deposition) CVD) same polymerization | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 20 16 |
| - | 3 | 4557946.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 20:16 |
| - | 54 | plasma near9 surface near9 silane near2 coupl\$7 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 11:20 |
| - | 0 | (plasma near9 surface near9 silane near2 coupl\$7) with hydroxy\$2 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 11:19 |
| - | 10 | plasma near9 surface with silane near2 coupl\$7 with (covalent\$4 chemical\$4 react\$7) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 14:43 |
| - | 5 | hydroxy\$4 near9 surface with silane near2 coupl\$7 with heat\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 11:43 |
| - | 3 | hydroxy\$4 near9 surface with silane near2 coupl\$7 with (heat\$4 temperature) with react\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 11:56 |

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| - | 5 | hydroxy\$4 near9 surface with silane near2 coupl\$7 with heat\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 12:00 |
| - | 29 | hydroxy\$4 with silane near2 coupl\$7 with heat\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 12:24 |
| - | 49 | "5229172" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 14:35 |
| - | 2 | "6129956" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 14:35 |
| - | 0 | alcohol near3 solution with silane near2 coupl\$5 with (heating (elevated near2 temperature)) with hydroxy\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 14:46 |
| - | 0 | alcohol near3 solution with silane near2 coupl\$5 with ((heating heated) (elevated near2 temperature)) with hydroxy\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 15:02 |
| - | 0 | alcohol with silane near2 coupl\$5 with ((heating heated) (elevated near2 temperature)) with hydroxy\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 15:16 |
| - | 9 | (alcohol with silane near2 coupl\$5 with hydroxy\$4) with surface | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 15:13 |
| - | 51 | alcohol with silane near2 coupl\$5 with hydroxy\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 15:17 |
| - | 32 | alcohol with silane near2 coupl\$5 with (chemical\$4 covalent\$4 react\$6) with surface | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 16:14 |
| - | 117 | alcohol with (aqueous water) with solution with ((coupling near2 agent) coupler silane) with (chemical\$4 covalent\$4 react\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 16:38 |
| - | 73 | kbm-602 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 16:14 |

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| - | 1 | dialkyldialkoxysilane near6 (coupl\$7 (adhesion near2 promot\$5)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 17:39 |
| - | 1 | (dialkyldialkoxysilane dipropyldimethoxysilane) near6 (coupl\$7 (adhesion near2 promot\$5)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 16:42 |
| - | 10 | (dialkyldialkoxysilane dipropyldimethoxysilane) with heat\$9 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 16:43 |
| - | 0 | dialkyldialkoxysilane with (cvd (chemical near4 deposition)) with plasma with oxygen with silicon near3 (oxide dioxide SiO) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 17:41 |
| - | 0 | dialkyldialkoxysilane with (cvd (chemical near4 deposition)) with plasma with oxygen with silicon near3 (oxide dioxide SiO\$2) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 17:41 |
| - | 124 | silane with (cvd (chemical near4 deposition)) with plasma with oxygen with silicon near3 (oxide dioxide SiO) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 17:51 |
| - | 0 | alkoxysilane with (cvd (chemical near4 deposition)) with plasma with oxygen with silicon near3 (oxide dioxide SiO) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 17:48 |
| - | 26 | silane near4 (monomer organic alkyl) with (cvd (chemical near4 deposition)) with plasma with oxygen with silicon near3 (oxide dioxide SiO) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 17:53 |